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Our Case No. 9281-4276
Client Reference No. J US00144

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Tomokuni Wauke)
Serial No. To be Assigned)
Filing Date: Herewith)
For Thin and Lightweight Inner Rotor Motor)
and Disk Unit Using the Same)

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Prior to examination of the above-identified application, please amend the application as follows:

In the Claims

Please rewrite Claim 1 as follows:

1. (Amended) An inner rotor motor comprising:
a rotor having plural magnetic poles disposed in a circumferential shape; and

a stator including a stator core having plural magnetic pole teeth that are outside a circumference of the rotor and face the rotor, a coil being wound around each of the magnetic pole teeth,

wherein the magnetic pole teeth are set so that a value of at least one of angles each formed by extensions of adjacent magnetic pole teeth is smaller than an angle formed by lines each connecting a tip center of one of adjacent magnetic pole teeth and a rotation center of the rotor.

Please rewrite Claim 5 as follows:

5. (Amended) The inner rotor motor according to claim 1, wherein base centers of the magnetic pole teeth are provided at an equal distance from a point opposite to the magnetic pole teeth with respect to the rotation center of the rotor.

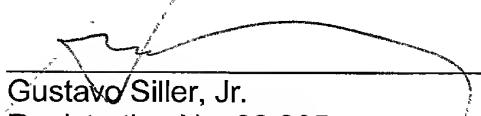
Please rewrite Claim 6 as follows:

6. (Amended) The inner rotor motor according to claim 1, wherein the magnetic pole teeth are provided such that a value of at least one of angles each formed by extensions of adjacent magnetic pole teeth is at most 15 degrees.

REMARKS

Applicant has rewritten Claims 1, 5 and 6. The changes from the previous version to the rewritten version are shown in attached Appendix A, with strikethrough for deleted matter and underlining for added matter.

Respectfully submitted,


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APPENDIX A

Thin and Lightweight Inner Rotor Motor and Disk Unit Using the Same Attorney Docket No. 9281-4276 Inventor Tomokuni Wauke

In the Claims

Please amend Claim 1 as follows:

1. (Amended) An inner rotor motor comprising:
 - a rotor having plural magnetic poles disposed in a circumferential shape; and
 - a stator including a stator core having plural magnetic pole teeth that are outside a circumference of the rotor and face the rotor, a coil being wound around each of the magnetic pole teeth,
 - wherein the magnetic pole teeth are set so that ~~the~~^a value of at least one of angles each formed by extensions of adjacent magnetic pole teeth is smaller than an angle formed by lines each connecting a tip center of one of adjacent magnetic pole teeth and a rotation center of the rotor.

Please amend Claim 5 as follows:

5. (Amended) The inner rotor motor according to claim 1, wherein base centers of the magnetic pole teeth ~~can be~~^{are} provided to be at an equal distance from a point opposite to the magnetic pole teeth with respect to the rotation center of the rotor.

Please amend Claim 6 as follows:

6. (Amended) The inner rotor motor according to claim 1, wherein the magnetic pole teeth are provided ~~so~~^{such} that a value of at least one of angles each formed by extensions of adjacent magnetic pole teeth is ~~at most~~ 15 degrees or less.